



**VOLUME
E**

**IMPACT SUMMARY
AND MANAGEMENT
FRAMEWORKS**

E1

IMPACT SUMMARY & MANAGEMENT FRAMEWORK

INTRODUCTION



1.1 INTRODUCTION

1.1.1 Scope of this volume

Volume E of the Draft Environmental Impact Statement (EIS) presents an integrated framework for management of relevant environmental, dredging, airspace and emergency management issues in the form of framework management plans for the Sunshine Coast Airport (SCA) Expansion Project (the Project). These plans respond to the impacts identified in **Volumes A – D** of the EIS and summarise the commitments to mitigation, management and monitoring that have been recommended in the various chapters. The EIS management framework is shown in **Figure 1.1a**.

An outline of each chapter within this volume is as follows:

- **Chapter E2 – Matters of National Environmental Significance:** The purpose of this chapter is to consolidate the reporting of all Matters of National Environmental Significance in the EIS.
- **Chapter E3 – Environmental Management Plan:** The purpose of the Environmental Management Plan (EMP) is to set out how environmental values that could be affected by the project will be protected and where applicable enhanced. It includes details of corrective action options, reporting (including any public reporting), monitoring, staff training, management responsibility pathway, management systems and how they are relevant to each element of the environment.

This EMP covers the Airport and Surrounds (including the beach, where the dredge pipeline comes ashore) during the construction and operation phases of the project. The construction aspects of the EMP will inform the activities of civil contractors engaged to undertake the construction works and/or the Sunshine Coast Airport as operator of the airport lease during construction. This includes for example, civil works associated with master drainage, preparing the site to accept dredge material, flood mitigation works, bulk earthworks, vegetation clearance and similar. Operational phase issues will primarily be the responsibility of SCA and Sunshine Coast Council and include rehabilitation of land following construction and management of habitat set aside for conservation purposes.

- **Chapter E4 – Dredge Management Plan:** Activities involving or associated with dredging operations that would be managed by the future dredge contractor are dealt with in **Chapter E4 – Dredge Management Plan (DMP)**. This includes the environmental management of activities associated with the dredging of sand from the Spitfire Realignment Channel Area in Moreton Bay, establishment and operation of the dredge pump out mooring and pipeline at Marcoola Beach, and the management of dredge tailwater during land reclamation processes.

- Chapter E5 – Airspace Management Plan:**
 Management measures related to airspace and aircraft-related noise are addressed in the airspace management plan in Chapter D2. This plan presents the proposed (draft) operating plan for the new runway, including runway modes of operation and noise management measures that will be implemented following opening of the new runway. It should be noted that the draft plan presented in this chapter will be subject to more detailed assessment and approval from relevant aviation authorities prior to actual commencement of operation of the new runway.
- Chapter E6 – Risk Management Plan:** This chapter provides details on the hazard and risks to people and property that may be associated with the project. It includes a high level hazard and risk assessment with details of the Airport Emergency Plan.
- Chapter E6 – Summary of Benefits, Impacts, Commitments and Conclusion:** This chapter reiterates the key benefits and need for the project outlined in Volume A, as well as providing an impact and mitigation summary of each substantive chapter from Volumes B, C and D of the EIS using the assessment summary tables.

 This chapter also includes a discussion of cumulative and consequential impacts from the project, a summary of the key findings with respect to Matters of National Environmental Significance under the *Environment Protection and Biodiversity Conservation Act 1999*, and a summary of proponent commitments from the EIS and relevant management plans.

Figure 1.1a: Environmental management framework used in the EIS

